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UNITED STATES DEPARTMENT OF AGRICULTURE
 AGRICULTURAL RESEARCH SERVICE

 Chickens in NPIP Hatchery Supply Flocks and Their Distribution by States and Varieties
 1946-47, 1956-57 and 1957-58

The tabulation which follows shows the number of birds in NPIP hatchery supply flocks and the percentage distribution according to the matings in which they were used. These data indicate a trend in the type of chick demanded in the various States and Divisions. This is not an entirely accurate indication of breed popularity since the Crossmated totals include a high proportion of purebreds which would otherwise be listed under the respective breed totals. It will be noted that there is also some variation in the first year reported. In some cases data were not available for 1946-47, consequently the figures for the nearest available year were used to show, insofar as possible, the long-time trend within the State. The divisional totals are for the year 1957-58.

Breed distribution data for the past 17 years for all reporting States are summarized on page 4. The most significant data seem to be the continuation of the increase in the percentage of birds in crossmated flocks. This trend is largely due to the increase in the number of crossmated flocks for broiler production.

		Percentage distribution by varieties								
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-		
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other	
Maine										
1946-47	667,728	46.8	.01	1.6	24.4	26.7	.1	--	.3	
1956-57	1,987,319	--	.4	37.0	--	.6	62.0	--	--	
1957-58	2,052,185	--	.5	10.5	--	1.0	88.0	--	--	
New Hampshire										
1946-47	1,249,485	83.9	.5	1.5	12.1	2.0	--	--	.07	
1956-57	1,166,009	20.3	1.1	38.4	3.0	.5	12.7	--	24.0	
1957-58	906,120	14.5	1.1	33.7	3.3	.8	42.0	--	4.6	
Vermont										
1946-47	138,073	38.4	.1	.4	41.6	19.5	--	--	.1	
1956-57	231,047	.4	3.0	10.1	3.0	1.0	82.5	--	--	
1957-58	207,049	1.5	7.7	8.8	2.3	1.4	78.3	--	.01	
Massachusetts										
1946-47	957,232	21.5	1.1	2.9	20.8	51.0	--	--	2.6	
1956-57	779,504	3.0	4.3	25.1	3.8	13.2	50.2	--	.4	
1957-58	781,722	.9	9.5	15.4	3.5	13.1	56.5	--	1.1	
Rhode Island										
1946-47	76,683	24.4	4.6	5.3	22.8	39.6	2.8	--	.5	
1956-57	32,777	--	1.7	8.5	9.7	13.2	61.2	--	5.7	
1957-58	47,983	--	1.7	.2	6.8	8.4	59.7	13.8	9.4	
Connecticut										
1947-48	594,019	23.1	1.9	4.4	42.6	27.5	.25	--	.3	
1956-57	845,509	2.1	3.2	48.7	11.6	2.3	23.8	1.2	7.1	
1957-58	746,541	.4	3.6	27.6	8.4	2.0	55.0	1.5	1.5	
New York										
1947-48	671,166	19.4	49.9	9.2	10.7	10.4	--	--	.4	
1956-57	458,163	3.4	54.7	10.5	2.3	4.2	21.8	3.0	.1	
1957-58	524,373	1.4	74.4	1.3	1.0	4.2	16.9	.7	.1	
New Jersey										
1946-47	484,438	10.2	58.2	1.9	3.3	11.2	14.1	--	1.2	
1956-57	862,845	.5	76.7	1.4	.2	1.5	18.5	.7	.5	
1957-58	773,740	.2	85.3	1.3	.1	1.3	11.6	--	.2	
Pennsylvania										
1946-47	355,967	34.8	33.9	6.0	10.9	1.8	.3	--	12.3	
1956-57	1,474,038	2.4	30.4	5.7	.5	1.0	49.1	6.8	4.1	
1957-58	1,457,902	1.6	34.2	4.6	.5	.7	50.5	6.3	1.6	
North Atlantic										
	7,497,615	2.4	22.5	12.6	1.9	2.5	55.4	1.5	1.2	

		Percentage distribution by varieties							
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-	
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other
Ohio									
1946-47	1,351,558	23.4	27.0	28.8	9.4	3.2	3.1	--	5.1
1956-57	1,402,726	8.0	27.1	32.5	1.2	1.4	13.7	14.4	1.7
1957-58	1,113,900	6.1	31.5	18.4	1.2	1.1	27.3	12.7	1.7
Indiana									
1946-47	2,829,800	14.0	19.7	28.2	23.1	4.3	4.5	--	6.1
1956-57	3,047,348	6.6	13.7	35.8	1.7	1.5	33.8	4.7	2.2
1957-58	2,458,207	5.9	18.2	18.0	1.4	1.5	48.3	5.8	.9
Illinois									
1946-47	2,843,898	16.1	17.5	35.5	8.5	2.4	9.6	--	10.3
1956-57	1,781,462	6.0	26.5	27.0	.9	1.0	17.8	18.7	2.1
1957-58	1,561,460	5.2	28.5	15.1	.8	1.0	21.3	25.8	2.3
Michigan									
1946-47	575,409	6.4	51.8	15.1	11.3	6.4	4.4	--	4.6
1956-57	608,304	2.3	38.3	20.8	.9	1.8	27.1	8.6	.2
1957-58	431,618	2.1	46.1	16.5	.6	1.7	21.8	11.0	.2
Wisconsin									
1946-47	321,893	8.6	73.1	13.8	.2	.2	2.7	--	1.4
1956-57	421,028	1.4	30.8	37.8	--	.2	10.4	17.4	2.0
1957-58	437,696	2.0	29.7	24.8	--	.4	22.9	19.4	.8
East North Central	6,002,881	5.2	26.2	17.7	1.0	1.2	33.6	13.7	1.4
Minnesota									
1946-47	1,883,741	5.4	66.5	7.5	.3	.5	18.2	--	1.3
1956-57	1,492,558	1.7	50.0	6.4	.1	.4	17.7	21.8	1.9
1957-58	1,522,863	1.5	50.0	4.7	.1	.4	24.0	17.7	1.6
Iowa									
1946-47	1,073,477	12.4	30.9	25.7	4.2	2.2	15.2	--	9.1
1956-57	1,717,423	.7	15.5	4.5	.4	1.7	32.4	44.4	.4
1957-58	1,569,792	.6	18.0	2.4	.2	1.5	37.2	38.7	1.4
Missouri									
1946-47	3,165,710	14.7	30.8	21.6	7.4	5.1	7.4	--	12.9
1956-57	2,632,537	7.4	9.4	12.7	.8	2.9	60.7	4.3	1.8
1957-58	1,816,315	4.9	11.4	6.4	.9	2.8	65.4	6.2	2.0
North Dakota									
1946-47	236,438	20.4	29.2	32.1	1.2	.9	10.6	--	5.6
1956-57	167,204	6.6	29.5	25.3	.6	.3	28.2	4.2	5.3
1957-58	142,247	7.2	28.6	21.6	.5	.4	36.0	2.8	2.9
South Dakota									
1946-47	270,424	17.5	30.7	23.1	1.4	1.1	23.3	--	2.8
1956-57	277,234	3.4	28.6	7.2	.1	3.9	34.8	20.7	1.3
1957-58	256,080	1.1	33.6	4.7	--	2.5	38.0	19.2	.9
Nebraska									
1946-47	215,940	13.7	41.5	33.6	1.0	1.2	7.0	--	1.6
1956-57	769,078	8.9	11.4	16.0	.04	1.6	38.4	22.6	1.1
1957-58	447,606	2.3	15.9	4.9	--	.7	41.3	34.6	.3
Kansas									
1946-47	901,279	13.7	24.0	16.5	1.2	3.8	32.1	--	8.7
1956-57	599,814	4.1	15.7	10.0	.3	3.2	50.1	14.0	2.6
1957-58	449,586	3.4	18.3	4.4	.3	2.6	51.9	16.5	2.6
West North Central	6,204,489	2.6	24.6	5.0	.4	1.7	43.6	20.5	1.6
Delaware									
1946-47	405,997	1.1	.4	.3	3.2	.8	94.0	--	.1
1956-57	494,642	1.5	.2	7.9	--	.2	80.2	--	10.0
1957-58	455,040	1.0	.3	.4	.009	.2	95.0	--	3.1
Maryland									
1949-50	617,353	16.1	20.3	3.3	3.6	2.0	52.2	--	2.5
1956-57	532,322	3.8	4.3	5.2	.03	.04	84.9	--	1.8
1957-58	371,613	3.7	2.2	2.5	--	--	88.6	3.0	--
Virginia									
1946-47	721,168	64.7	11.3	.8	8.8	1.9	12.2	--	.3
1956-57	1,328,748	3.6	2.1	7.3	.1	.8	82.8	1.8	1.5
1957-58	1,141,808	2.2	2.9	4.0	.02	1.0	87.3	2.4	.2

Division State and Year	Total Birds	Percentage distribution by varieties							
		New Hampshire	White Leghorn	White Rock	White Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
West Virginia									
1947-48	145,925	40.0	16.0	5.4	4.3	2.9	26.6	--	4.8
1956-57	227,028	4.4	5.8	14.6	.4	1.3	71.1	.6	1.8
1957-58	203,132	3.6	4.4	3.7	.4	1.3	83.5	1.2	1.9
North Carolina									
1946-47	783,495	47.5	8.0	2.0	10.5	6.5	19.5	--	4.9
1956-57	2,876,168	1.2	1.2	32.2	.2	3.5	61.5	--	.2
1957-58	2,854,735	.8	1.5	5.4	.1	4.1	86.9	--	1.2
South Carolina									
1946-47	129,192	45.8	--	6.6	16.0	15.7	10.2	--	5.8
1956-57	301,267	1.7	3.9	21.0	.8	5.0	67.6	--	--
1957-58	354,725	.5	6.6	4.4	.1	6.9	79.9	1.6	--
Georgia									
1946-47	428,681	39.3	2.6	1.1	4.9	7.8	44.2	--	.1
1956-57	3,134,493	--	2.7	14.6	--	.6	71.6	9.2	1.3
1957-58	3,590,899	4.5	5.0	10.6	.03	.3	72.2	7.0	.3
Florida									
1946-47	155,240	73.6	18.9	1.3	.6	4.0	1.3	--	.3
1956-57	310,293	7.4	29.5	25.0	.2	3.2	26.3	8.1	.3
1957-58	319,400	3.4	30.9	10.2	.5	1.4	40.6	12.4	.6
South Atlantic	9,291,352	2.6	4.3	7.0	.1	1.9	79.8	3.6	.7
Kentucky									
1946-47	439,775	29.4	6.4	30.4	19.3	8.5	1.1	--	4.9
1956-57	597,790	12.0	2.7	37.3	2.6	.5	43.5	.8	.6
1957-58	452,126	11.1	5.0	14.7	1.0	.7	66.4	.8	.3
Tennessee									
1948-49	215,819	40.6	9.4	17.7	17.1	4.6	1.2	--	9.4
1956-57	430,817	5.1	8.2	19.4	1.9	3.9	54.6	5.8	1.1
1957-58	383,038	4.3	11.3	7.9	1.1	2.6	61.4	10.4	1.0
Alabama									
1946-47	175,812	69.0	13.7	3.4	7.8	2.6	.6	--	2.9
1956-57	1,051,757	.9	3.0	44.6	.1	.8	49.9	.7	.04
1957-58	1,066,717	2.03	3.3	17.0	.01	.9	72.9	3.8	.02
Mississippi									
1946-47	79,771	18.7	19.0	21.7	16.0	11.7	3.1	--	9.9
1956-57	637,583	1.1	4.5	29.7	.05	.6	64.1	--	.02
1957-58	786,835	.5	6.5	10.4	.01	.3	80.8	1.5	.01
Arkansas									
1946-47	131,754	23.0	6.4	19.2	19.9	2.3	7.1	--	22.1
1956-57	1,019,337	4.5	.9	10.5	.04	--	80.1	.7	3.3
1957-58	983,325	3.0	1.5	6.2	.01	--	83.1	3.1	3.1
Louisiana									
1946-47	68,721	25.3	8.6	14.9	19.7	10.2	1.1	--	20.2
1956-57	513,559	1.1	1.7	6.8	.3	.5	87.7	1.6	.3
1957-58	355,269	1.4	2.8	.8	.5	--	92.6	1.1	.8
Oklahoma									
1946-47	440,573	3.3	24.2	23.0	4.3	7.4	21.9	--	15.9
1956-57	270,328	10.1	17.3	19.7	.2	.3	45.2	2.4	4.8
1957-58	225,868	9.1	14.3	10.4	.3	.7	40.0	20.5	4.7
Texas									
1946-47	399,711	4.7	53.8	3.8	6.1	5.4	17.5	--	8.7
1956-57	498,011	1.4	11.1	22.2	.1	--	31.3	33.8	.1
1957-58	559,828	1.1	20.4	8.0	--	--	46.7	23.8	.03
South Central	4,813,006	3.2	6.7	10.2	.3	.6	71.6	6.4	1.0
Montana									
1946-47	36,955	28.8	34.7	14.2	1.4	1.3	11.5	--	8.1
1956-57	65,114	19.6	46.9	7.3	--	.2	19.0	6.2	.8
1957-58	70,116	16.2	44.4	7.9	--	.9	15.1	14.6	.9
Idaho									
1946-47	107,839	48.7	29.2	7.0	1.7	.7	10.5	--	2.1
1956-57	86,108	17.0	35.8	7.8	.4	.6	33.7	4.1	.6
1957-58	78,461	17.9	42.6	9.8	--	.5	24.0	5.2	--

		Percentage distribution by varieties								
Division	Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-		
State and Year	Birds	Hampshire	Leghorn	Rock	Rock	land Red	mated	mated	Other	
Wyoming										
1946-47	11,284	6.3	51.1	21.6	--	3.1	13.7	--	4.0	
1956-57	2,768	32.5	12.6	36.1	--	--	18.8	--	--	
1957-58	2,857	17.7	22.9	28.1	--	--	20.9	--	10.4	
Colorado										
1948-49	135,291	23.3	31.9	20.1	1.6	5.2	13.4	--	4.5	
1956-57	83,596	10.7	25.9	22.0	.2	.4	24.2	15.9	.7	
1957-58	78,503	3.9	19.3	12.0	--	.2	42.5	21.7	.4	
New Mexico										
1947-48	5,709	7.7	70.6	--	--	--	15.1	--	6.6	
1956-57	2,964	14.0	28.1	10.1	--	--	47.8	--	--	
1957-58	2,180	16.1	64.2	--	--	--	19.7	--	--	
Arizona										
1946-47	14,872	27.5	34.7	1.1	.5	25.9	9.2	--	.9	
1956-57	24,271	1.0	41.1	--	--	4.6	36.1	17.2	--	
1957-58	25,518	--	59.2	--	--	4.0	18.9	17.9	--	
Utah										
1946-47	50,270	7.4	85.4	.4	.1	.2	5.8	--	.7	
1956-57	84,875	4.6	33.7	8.0	--	.1	25.5	27.7	.4	
1957-58	84,151	2.2	23.8	2.7	--	--	13.4	57.7	.2	
Washington										
1946-47	289,423	47.0	41.7	--	--	8.0	--	--	3.3	
1956-57	502,790	3.8	53.8	9.5	.1	3.0	28.0	1.3	.5	
1957-58	491,495	2.1	58.8	7.4	.1	2.7	24.6	2.4	1.9	
Oregon										
1947-48	358,271	57.5	21.8	1.1	1.9	7.4	9.2	--	1.1	
1956-57	523,545	5.4	16.5	8.4	.2	3.9	63.5	--	2.1	
1957-58	450,585	4.3	22.7	5.3	.2	4.2	61.5	--	1.8	
California										
1948-49	1,250,945	39.0	55.4	--	1.5	1.1	--	--	3.0	
1956-57	659,711	5.5	20.4	9.3	.02	.3	53.9	8.3	2.3	
1957-58	495,349	2.7	16.9	7.2	.02	.5	63.9	6.4	2.4	
Western	1,779,215	4.1	33.3	6.8	.1	2.1	44.7	7.2	1.7	

Summary of Breed Distribution in NPIP Hatchery Supply Flocks, 1941-42 to 1957-58

Year	States	:	:	:	Percentage of									
					Total	New	White	White	Barred	Rhode Is-	Cross-	Incross-		
		:	:	:	Hampshire	Leghorn	Rock	Rock	land Red	:	mated	mated	:	Other
1941-42	33	:	:	:	10,712,027	21.2	24.1	15.6	16.2	:	12.5	2.0	--	8.4
1942-43	40	:	:	:	15,780,980	19.2	26.6	18.3	15.7	:	8.9	3.0	--	8.3
1943-44	42	:	:	:	20,331,999	19.4	25.9	19.7	13.9	:	8.3	5.5	--	7.3
1944-45	39	:	:	:	17,573,321	20.6	25.8	17.5	12.4	:	8.0	9.8	--	5.9
1945-46	32	:	:	:	20,256,904	23.8	23.1	17.0	11.4	:	7.7	11.3	--	5.7
1946-47	38	:	:	:	24,490,346	23.4	25.4	17.4	10.0	:	6.5	11.1	--	6.2
1947-48	42	:	:	:	25,148,247	25.9	24.7	15.2	10.2	:	6.8	12.4	--	4.8
1948-49	44	:	:	:	26,458,372	31.9	25.7	13.2	7.8	:	5.6	11.9	--	3.9
1949-50	47	:	:	:	36,195,375	38.8	21.9	10.4	6.3	:	4.3	15.1	--	3.2
1950-51	47	:	:	:	33,804,603	38.9	21.6	10.1	5.8	:	4.1	16.4	--	3.1
1951-52	47	:	:	:	37,559,597	41.4	18.9	11.9	4.0	:	3.3	14.3	3.4	2.8
1952-53	47	:	:	:	33,847,682	36.2	20.1	14.8	3.5	:	3.2	16.0	4.0	2.2
1953-54	47	:	:	:	36,027,365	25.4	18.9	23.1	2.2	:	2.7	19.7	5.1	2.9
1954-55	47	:	:	:	37,066,336	16.0	19.2	29.5	1.3	:	2.7	21.2	7.0	3.1
1955-56	47	:	:	:	34,881,690	6.7	18.9	25.2	1.2	:	2.3	34.0	9.1	2.6
1956-57	47	:	:	:	39,013,812	4.1	14.8	21.0	1.0	:	1.7	47.1	8.0	2.3
1957-58	47	:	:	:	35,588,558	3.2	17.0	10.1	.7	:	1.7	57.7	8.4	1.2
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Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.